

AMENDMENTS TO THE CLAIMS

1. (Currently amended) A method comprising:

creating a managed message to be sent to a list of recipient devices selected from a group of managed message types consisting of a memo, a meeting, and an event, each managed message type being further selected from a group of structured messaging element types consisting of an RSVP, a query, a thing to bring, a comment, a sender location, an electronic card, recipient list exposure, and an electronic commerce transaction;

validating a format of an address of each recipient device from the list of recipient devices and determining a target wireless-device type to which a message notification is sent by a first an asynchronous process that performs device processing, the asynchronous process marking the address as undeliverable if the format of the address associated with a recipient device is invalid; and

~~determining a type of message notification a target wireless device can receive by a second asynchronous process that performs device provisioning;~~

~~polling a queue table to send the message notification, which is transformed using a style sheet for the determined target wireless device type, to the target wireless device by a third asynchronous process; and~~

~~receiving a message associated with the target wireless device and a response aggregation.~~

2. (Previously presented) The method of Claim 1, wherein said determining a target wireless-device type comprises:

detecting a WML capable browser.

3. (Previously presented) The method of Claim 1, wherein said determining a target wireless-device type comprises:

detecting a Compact HTML capable browser.

4. (Previously presented) The method of Claim 1, wherein said determining a target wireless-device type comprises:

detecting a Pocket IE HTML capable browser.

5. (Previously presented) The method of Claim 1, wherein said determining a target wireless-device type comprises:

detecting a Voice XML capable browser.

6. (Previously presented) The method of Claim 1, wherein said determining a target wireless-device type comprises:

detecting a commercially available browser.

7. (Original) The method of Claim 6, wherein said detecting a commercially-available browser comprises:

associating a mark-up language with a detected Pocket IE browser.

8. (Original) The method of Claim 6, wherein said detecting a commercially-available browser comprises:

associating a mark-up language with a detected UP.browser.

9. (Original) The method of Claim 6, wherein said detecting a commercially-available browser comprises:

associating a mark-up language with a detected Palm Query Application browser.

10. (Previously presented) The method of Claim 1, wherein said determining a target wireless-device type comprises:

determining a target wireless-device type via scanning of a Hyper Text Transfer Protocol (http) header.

11. (Previously presented) The method of Claim 1, further comprising:
presenting, in response to the determined target wireless-device type, a message at least partially in audible-presentation form, visual-presentation form, or tactile-presentation form.

12. (Previously presented) The method of Claim 11, wherein said presenting, in response to the determined target wireless-device type, a message at least partially in audible-presentation form, visual-presentation form, or tactile-presentation form comprises:

formulating message data into a wireless-device-capability-specific message via use of at least one wireless-device-capability-specific file set.

13. (Original) The method of Claim 12, wherein said formulating message data into a wireless-device-capability-specific message via use of at least one wireless-device-capability-specific file set comprises:

retrieving at least one wireless-device-capability-specific XSL file set.

14. (Original) The method of Claim 13, wherein said retrieving at least one wireless-device-capability-specific XSL file set comprises:

retrieving a WML capability-specific XSL file set.

15. (Original) The method of Claim 13, wherein said retrieving at least one wireless-device-capability-specific XSL file set comprises:

retrieving a CHTML capability-specific XSL file set.

16. (Original) The method of Claim 13, wherein said retrieving at least one wireless-device-capability-specific XSL file set comprises:

retrieving a Pocket IE HTML capability-specific XSL file set.

17. (Previously presented) The method of Claim 13, wherein said retrieving at least one wireless-device-capability-specific XSL file set comprises:

retrieving a voice XML capability-specific XSL file set.

18. (Original) The method of Claim 12, wherein said formulating message data into a wireless-device-capability-specific message via use of at least one wireless-device-capability-specific file set comprises:

utilizing the at least one wireless-device-capability-specific file set in conjunction with an XML representation of the message to create a message appropriate to a browser.

19. (Original) The method of Claim 18, wherein said utilizing the at least one wireless-device-capability-specific file set in conjunction with an XML representation of the message to create a message appropriate to a browser comprises:

utilizing the at least one wireless-device-capability-specific file set in conjunction with an XML representation of the message to create a message appropriate to a WML capable browser.

20. (Previously presented) The method of Claim 18, wherein said utilizing the at least one wireless-device-capability-specific file set in conjunction with an XML representation of the message to create a message appropriate to a browser comprises:

utilizing the at least one wireless-device-capability-specific file set in conjunction with an XML representation of the message to create a message appropriate to a CHTML capable browser.

21. (Original) The method of Claim 18, wherein said utilizing the at least one wireless-device-capability-specific file set in conjunction with an XML representation of the message to create a message appropriate to a browser comprises:

utilizing the at least one wireless-device-capability-specific file set in conjunction with an XML representation of the message to create a message appropriate to a Pocket IE HTML capable browser.

22. (Original) The method of Claim 18, wherein said utilizing the at least one wireless-device-capability-specific file set in conjunction with an XML representation of the message to create a message appropriate to a browser comprises:

utilizing the at least one wireless-device-capability-specific file set in conjunction with an XML representation of the message to create a message appropriate to a voice XML capable browser.

23. (Original) The method of Claim 18, wherein said utilizing the at least one wireless-device-capability-specific file set in conjunction with an XML representation of the message to create a message appropriate to a browser comprises:

retrieving at least one wireless-device-capability-specific XSL file set.

24. (Original) The method of Claim 23, wherein said retrieving at least one wireless-device-capability-specific XSL file set comprises:

retrieving a WML capability-specific XSL file set.

25. (Original) The method of Claim 23, wherein said retrieving at least one wireless-device-capability-specific XSL file set comprises:

retrieving a CHTML capability-specific XSL file set.

26. (Original) The method of Claim 23, wherein said retrieving at least one wireless-device-capability-specific XSL file set comprises:

retrieving a Pocket IE HTML capability-specific XSL file set.

27. (Original) The method of Claim 23, wherein said retrieving at least one wireless-device-capability-specific XSL file set comprises:

retrieving a voice XML capability-specific XSL file set.

28. (Currently amended) A system comprising:

means for creating a managed message to be sent to a list of recipient devices selected from a group of managed message types consisting of a memo, a meeting, and an event, each managed message type being further selected from a group of structured messaging element types consisting of an RSVP, a query, a thing to bring, a comment, a sender location, an electronic card, recipient list exposure, and an electronic commerce transaction;

means for validating a format of an address of each recipient device from the list of recipient devices and determining a target wireless-device type to which a message notification is sent by a first an asynchronous process that performs device processing, the asynchronous process marking the address as undeliverable if the format of the address associated with a recipient device is invalid; and

means for determining a type of message notification a target wireless device can receive by a second asynchronous process that performs device provisioning;

means for polling a queue table to send the message notification, which is transformed using a style sheet for the determined target wireless device type, to the target wireless device by a third asynchronous process; and

means for receiving a ~~message associated with the wireless device~~ and a response aggregation.

29. (Previously presented) The system of Claim 28, wherein said means for determining a target wireless-device type comprises:

means for detecting a WML capable browser.

30. (Previously presented) The system of Claim 28, wherein said determining a target wireless-device type comprises:

means for detecting a Compact HTML capable browser.

31. (Previously presented) The system of Claim 28, wherein said means for determining a target wireless-device type comprises:

means for detecting a Pocket IE HTML capable browser.

32. (Previously presented) The system of Claim 28, wherein said means for determining a target wireless-device type comprises:

means for detecting a Voice XML capable browser.

33. (Previously presented) The system of Claim 28, wherein said means for determining a target wireless-device type comprises:

means for detecting a commercially available browser.

34. (Original) The system of Claim 33, wherein said means for detecting a commercially-available browser comprises:

means for associating a mark-up language with a detected Pocket IE browser.

35. (Original) The system of Claim 33, wherein said means for detecting a commercially-available browser comprises:

means for associating a mark-up language with a detected UP.browser.

36. (Original) The system of Claim 33, wherein said means for detecting a commercially-available browser comprises:

means for associating a mark-up language with a detected Palm Query Application browser.

37. (Previously presented) The system of Claim 28, wherein said means for determining a target wireless-device type comprises:

means for determining a target wireless-device type via scanning of a Hyper Text Transfer Protocol (http) header.

38. (Previously presented) The system of Claim 28, further comprising:

means for presenting, in response to the determined target wireless-device type, a message at least partially in audible-presentation form, visual-presentation form, or tactile-presentation form.

39. (Previously presented) The system of Claim 38, wherein said means for presenting, in response to the determined target wireless-device type, a message at least partially in audible-presentation form, visual-presentation form, or tactile-presentation form comprises:

means for formulating message data into a wireless-device-capability-specific message via use of at least one wireless-device-capability-specific file set.

40. (Original) The system of Claim 39, wherein said means for formulating message data into a wireless-device-capability-specific message via use of at least one wireless-device-capability-specific file set comprises:

means for retrieving at least one wireless-device-capability-specific XSL file set.

41. (Original) The system of Claim 40, wherein said means for retrieving at least one wireless-device-capability-specific XSL file set comprises:

means for retrieving a WML capability-specific XSL file set.

42. (Original) The system of Claim 40, wherein said means for retrieving at least one wireless-device-capability-specific XSL file set comprises:

means for retrieving a CHTML capability-specific XSL file set.

43. (Original) The system of Claim 40, wherein said means for retrieving at least one wireless-device-capability-specific XSL file set comprises:

means for retrieving a Pocket IE HTML capability-specific XSL file set.

44. (Original) The system of Claim 40, wherein said means for retrieving at least one wireless-device-capability-specific XSL file set comprises:

means for retrieving a voice XML capability-specific XSL file set.

45. (Original) The system of Claim 39, wherein said means for formulating message data into a wireless-device-capability-specific message via use of at least one wireless-device-capability-specific file set comprises:

means for utilizing the at least one wireless-device-capability-specific file set in conjunction with an XML representation of the message to create a message appropriate to a browser.

46. (Original) The system of Claim 45, wherein said means for utilizing the at least one wireless-device-capability-specific file set in conjunction with an XML representation of the message to create a message appropriate to a browser comprises:

means for utilizing the at least one wireless-device-capability-specific file set in conjunction with an XML representation of the message to create a message appropriate to a WML capable browser.

47. (Original) The system of Claim 45, wherein said means for utilizing the at least one wireless-device-capability-specific file set in conjunction with an XML representation of the message to create a message appropriate to a browser comprises:

means for utilizing the at least one wireless-device-capability-specific file set in conjunction with an XML representation of the message to create a message appropriate to a CHTML capable browser.

48. (Original) The system of Claim 45, wherein said means for utilizing the at least one wireless-device-capability-specific file set in conjunction with an XML representation of the message to create a message appropriate to a browser comprises:

means for utilizing the at least one wireless-device-capability-specific file set in conjunction with an XML representation of the message to create a message appropriate to a Pocket IE HTML capable browser.

49. (Original) The system of Claim 45, wherein said means for utilizing the at least one wireless-device-capability-specific file set in conjunction with an XML representation of the message to create a message appropriate to a browser comprises:

means for utilizing the at least one wireless-device-capability-specific file set in conjunction with an XML representation of the message to create a message appropriate to a voice XML capable browser.

50. (Original) The system of Claim 45, wherein said means for utilizing the at least one wireless-device-capability-specific file set in conjunction with an XML representation of the message to create a message appropriate to a browser comprises:

means for retrieving at least one wireless-device-capability-specific XSL file set.

51. (Original) The system of Claim 50, wherein said means for retrieving at least one wireless-device-capability-specific XSL file set comprises:

means for retrieving a WML capability-specific XSL file set.

52. (Original) The system of Claim 50, wherein said means for retrieving at least one wireless-device-capability-specific XSL file set comprises:

means for retrieving a CHTML capability-specific XSL file set.

53. (Original) The system of Claim 50, wherein said means for retrieving at least one wireless-device-capability-specific XSL file set comprises:

means for retrieving a Pocket IE HTML capability-specific XSL file set.

54. (Original) The system of Claim 50, wherein said means for retrieving at least one wireless-device-capability-specific XSL file set comprises:

means for retrieving a voice XML capability-specific XSL file set.

55. (Currently amended) A system comprising:

a first component configured to create a managed message to be sent to a list of recipient devices selected from a group of managed message types consisting of a memo, a meeting, and an event, each managed message type being further selected from a group of structured messaging element types consisting of an RSVP, a query, a thing to bring, a comment, a sender location, an electronic card, recipient list exposure, and an electronic commerce transaction;

a ~~[[first]]~~ second component configured to validate a format of an address of each recipient device from the list of recipient devices and a third component configured to determine a target wireless-device type to which a message notification is sent by a first an asynchronous process that performs device processing, the asynchronous process marking the address as undeliverable if the format of the address associated with a recipient device is invalid; and

~~a second component configured to determine a type of message notification a target wireless device can receive by a second asynchronous process that performs device provisioning;~~

~~a third component configured to poll a queue table to send the message notification, which is transformed using a style sheet for the determined target wireless device type, to the target wireless device by a third asynchronous process; and~~

a fourth component configured to receive ~~a message associated with the wireless device~~ and a response aggregation, said fourth component selected from an electrical-component group including electrical component having at least one discrete electrical component, electrical component having at least one integrated component, electrical component having at least one application specific integrated component, electrical component forming a general purpose computing device configured by a computer program, electrical component forming a memory device, and/or electrical component forming a communications device.

56-58. (Canceled)

59. (Previously presented) The system of Claim 55, further comprising a fifth component configured to detect a communication associated with the wireless device comprises:
a sixth component configured to transmit a message associated with the wireless device.

60. (Previously presented) The system of Claim 59, wherein said sixth component configured to transmit a message associated with the wireless device comprises:
a seventh component configured to transmit the message associated with a response aggregation.

61. (Previously presented) The system of Claim 28, wherein said means for determining a target wireless-device type comprises:
means for detecting a communication associated with the wireless device.

62-63. (Canceled)

64. (Previously presented) The system of Claim 61, wherein said means for detecting a communication associated with the wireless device comprises:
means for transmitting a message associated with the wireless device.

65. (Previously presented) The system of Claim 64, wherein said means for transmitting a message associated with the wireless device comprises:
means for transmitting the message associated with a response aggregation.

66. (Currently amended) A method comprising:
detecting a wireless-device response aggregation event, the wireless-device response aggregation event being selected from a group of managed message types consisting of a memo,

a meeting, and an event, each managed message type being further selected from a group of structured messaging element types consisting of an RSVP, a query, a thing to bring, a comment, a sender location, an electronic card, recipient list exposure, and an electronic commerce transaction; and

determining a target wireless-device type.

67. (Previously presented) The method of Claim 66, wherein said detecting a wireless-device response aggregation event comprises:

detecting an operation related to a response aggregation drawn upon a message.

68. (Previously presented) The method of Claim 66, wherein said detecting a wireless-device response aggregation event comprises:

detecting a signal related to a response aggregation drawn upon a message.

69. (Currently amended) A system comprising:

a first component configured to detect a wireless-device response aggregation event, the wireless-device response aggregation event being selected from a group of managed message types consisting of a memo, a meeting, and an event, each managed message type being further selected from a group of structured messaging element types consisting of an RSVP, a query, a thing to bring, a comment, a sender location, an electronic card, recipient list exposure, and an electronic commerce transaction; and

a second component configured to determine a target wireless-device type.

70. (Currently amended) A system comprising:

means for detecting a wireless-device response aggregation event, the wireless-device response aggregation event being selected from a group of managed message types consisting of

a memo, a meeting, and an event, each managed message type being further selected from a group of structured messaging element types consisting of an RSVP, a query, a thing to bring, a comment, a sender location, an electronic card, recipient list exposure, and an electronic commerce transaction; and

means for determining a target wireless-device type.

71. (Currently amended) A computer-readable medium having computer-executable instructions stored thereon for implementing a computer-implementable method, comprising:

creating a managed message to be sent to a list of recipient devices selected from a group of managed message types consisting of a memo, a meeting, and an event, each managed message type being further selected from a group of structured messaging element types consisting of an RSVP, a query, a thing to bring, a comment, a sender location, an electronic card, recipient list exposure, and an electronic commerce transaction;

validating a format of an address of each recipient device from the list of recipient devices and determining a target wireless-device type to which a message notification is sent by a first an asynchronous process that performs device processing, the asynchronous process marking the address as undeliverable if the format of the address associated with a recipient device is invalid; and

determining a type of message notification a target wireless device can receive by a second asynchronous process that performs device provisioning;

polling a queue table to send the message notification, which is transformed using a style sheet for the determined target wireless device type, to the target wireless device by a third asynchronous process; and

receiving a message associated with the target wireless device and a response aggregation.

72. (Previously presented) The method of Claim 71, wherein said determining a target wireless-device type comprises:

detecting a commercially available browser.

73. (Previously presented) The computer-readable medium of Claim 71, wherein said determining a target wireless-device type comprises:

determining a target wireless-device type via scanning of a Hyper Text Transfer Protocol (http) header.

74. (Previously presented) The method of Claim 71, further comprising:

formulating message data into a wireless-device-capability-specific message via use of at least one wireless-device-capability-specific file set.

75. (Previously presented) The method of Claim 74, wherein said formulating message data into a wireless-device-capability-specific message via use of at least one wireless-device-capability-specific file set comprises:

utilizing the at least one wireless-device-capability-specific file set in conjunction with an XML representation of the message to create a message appropriate to a browser.